

Title (en)

HEAT AND MOISTURE EXCHANGER FOR PATIENT INTERFACE

Title (de)

WÄRME- UND FEUCHTIGKEITSAUSTAUSCHER FÜR EINE PATIENTENSCHNITTSTELLE

Title (fr)

ÉCHANGEUR DE CHALEUR ET D'HUMIDITÉ POUR INTERFACE PATIENT

Publication

**EP 3976151 A1 20220406 (EN)**

Application

**EP 20812570 A 20200529**

Priority

- US 201962855109 P 20190531
- IB 2020055114 W 20200529

Abstract (en)

[origin: WO2020240495A1] A patient interface may include: a plenum chamber pressurisable to a therapeutic pressure; a seal-forming structure connected to the plenum chamber, the plenum chamber being constructed and arranged to seal with a region of the patient's face; a positioning and stabilising structure configured to provide a force to hold the seal-forming structure in a therapeutically effective position on the patient's head; a vent structure configured to allow a continuous flow of gases exhaled by the patient from an interior of the plenum chamber to ambient; and a material configured to adsorb water vapour from gases exhaled by the patient and desorb water vapour into the flow of air at the therapeutic pressure, the material being positioned within the plenum chamber.

IPC 8 full level

**A61M 16/10** (2006.01); **A61M 16/06** (2006.01); **A61M 16/08** (2006.01)

CPC (source: AU EP US)

**A61M 16/0666** (2013.01 - AU EP); **A61M 16/0683** (2013.01 - EP); **A61M 16/0808** (2013.01 - AU US); **A61M 16/0816** (2013.01 - US); **A61M 16/1045** (2013.01 - AU EP US); **A61M 16/0066** (2013.01 - AU EP US); **A61M 16/022** (2017.07 - AU); **A61M 16/06** (2013.01 - US); **A61M 16/0683** (2013.01 - AU); **A61M 16/0816** (2013.01 - EP); **A61M 16/0875** (2013.01 - AU EP US); **A61M 16/1005** (2014.02 - EP); **A61M 16/107** (2014.02 - EP); **A61M 16/109** (2014.02 - AU); **A61M 16/125** (2014.02 - EP); **A61M 16/16** (2013.01 - EP); **A61M 16/161** (2014.02 - AU); **A61M 16/208** (2013.01 - AU US); **A61M 2016/0027** (2013.01 - AU EP US); **A61M 2016/003** (2013.01 - US); **A61M 2016/0039** (2013.01 - AU EP); **A61M 2202/0225** (2013.01 - EP); **A61M 2205/02** (2013.01 - AU); **A61M 2205/3334** (2013.01 - AU); **A61M 2205/3344** (2013.01 - AU); **A61M 2205/3365** (2013.01 - AU); **A61M 2205/3368** (2013.01 - AU); **A61M 2205/3553** (2013.01 - AU); **A61M 2205/3561** (2013.01 - AU); **A61M 2205/3653** (2013.01 - AU); **A61M 2205/7518** (2013.01 - AU); **A61M 2210/0618** (2013.01 - AU)

C-Set (source: EP)

**A61M 2202/0225** + **A61M 2202/0085**

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020240495 A1 20201203**; CN 113993568 A 20220128; CN 113993568 B 20240202; CN 215351312 U 20211231; EP 3976151 A1 20220406; EP 3976151 A4 20220803; EP 3976151 B1 20231115; US 2022233803 A1 20220728

DOCDB simple family (application)

**IB 2020055114 W 20200529**; CN 202020950915 U 20200529; CN 202080043209 A 20200529; EP 20812570 A 20200529; US 202017614895 A 20200529